

# Isolation of Non-Cytopathic (NCP) VSV Mutants

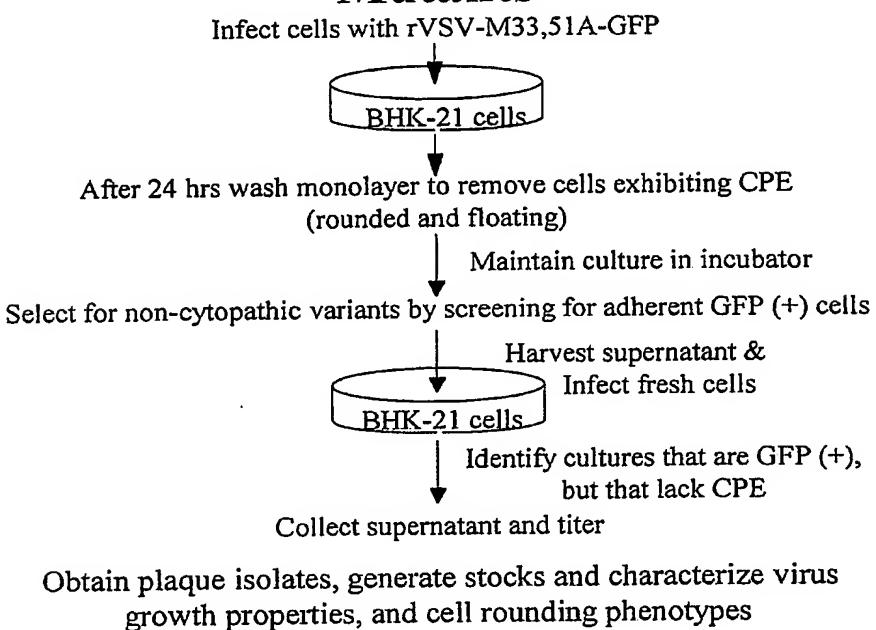


FIGURE 1

# Cell Rounding Phenotypes of M Protein Mutants of VSV

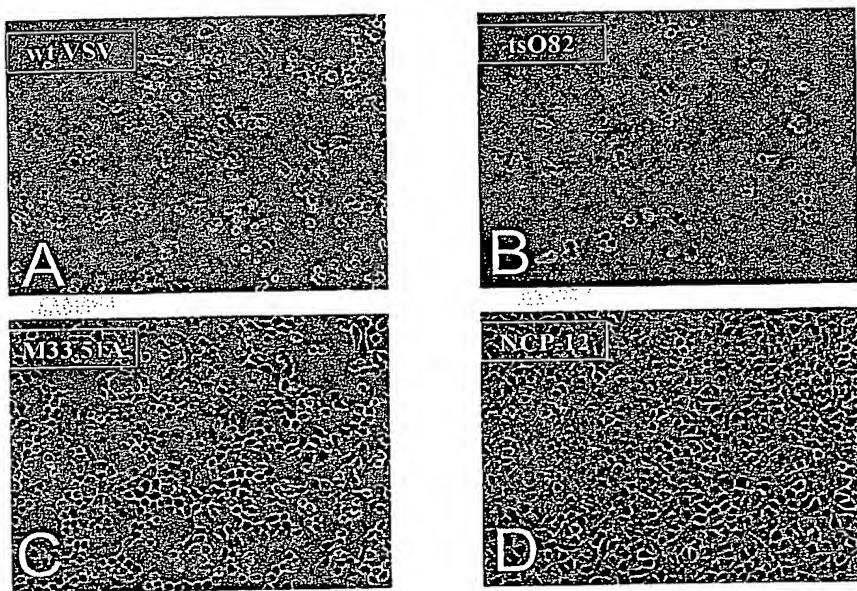


FIGURE 2

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# Isolation and Sequencing of NCP-M Protein Mutant cDNAs

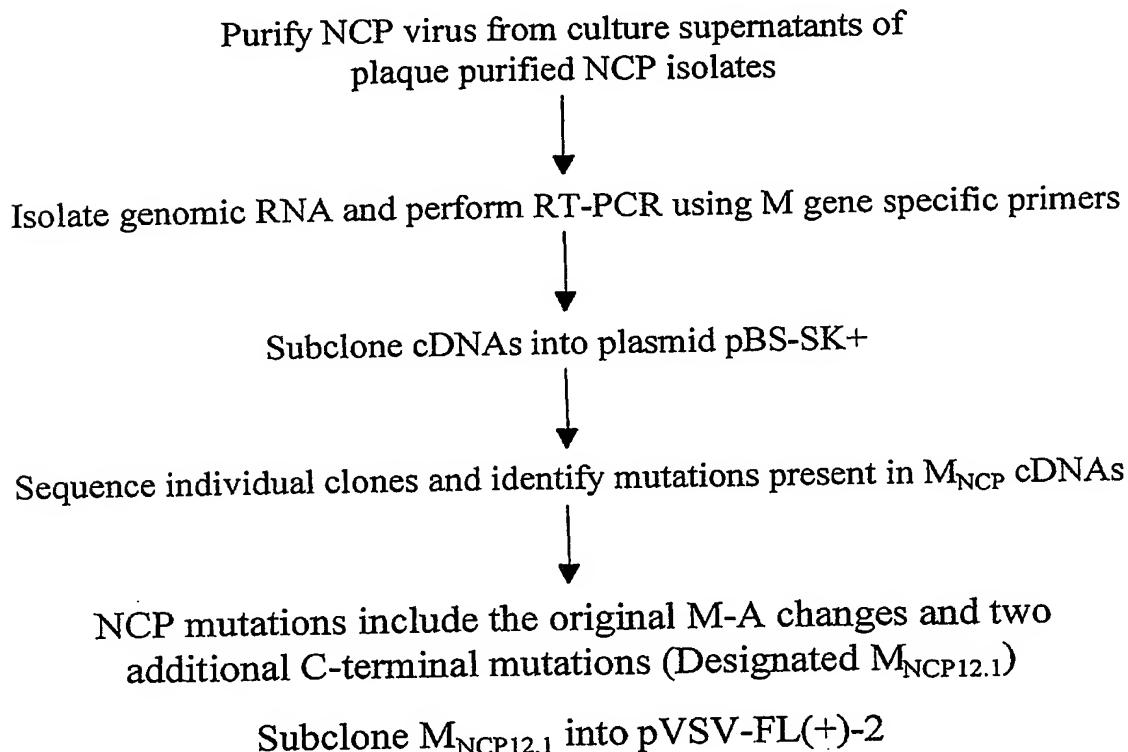


FIGURE 3

# Recovery of rVSV-M<sub>N</sub>CP12.1

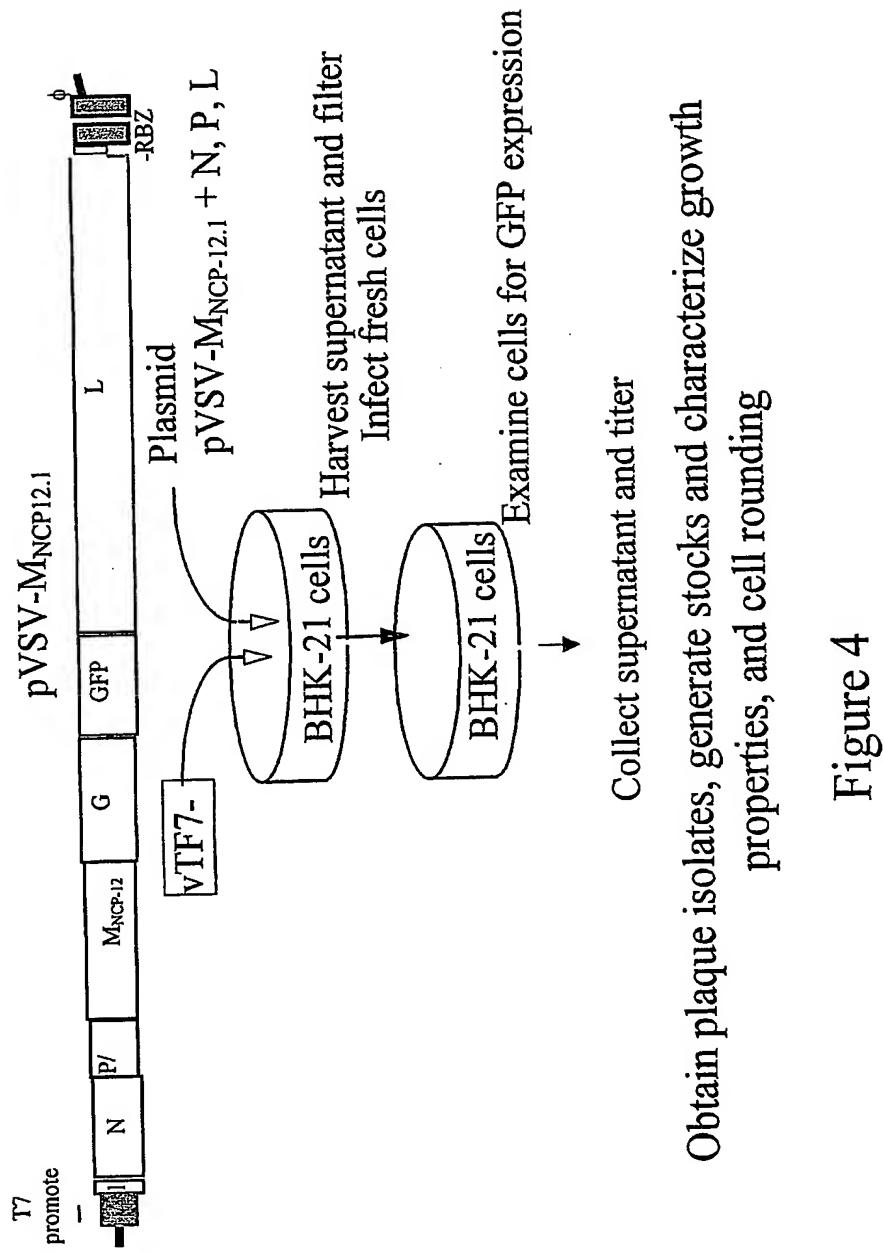


Figure 4

## rVSV/NCP-12.1 is Defective in Cell Rounding

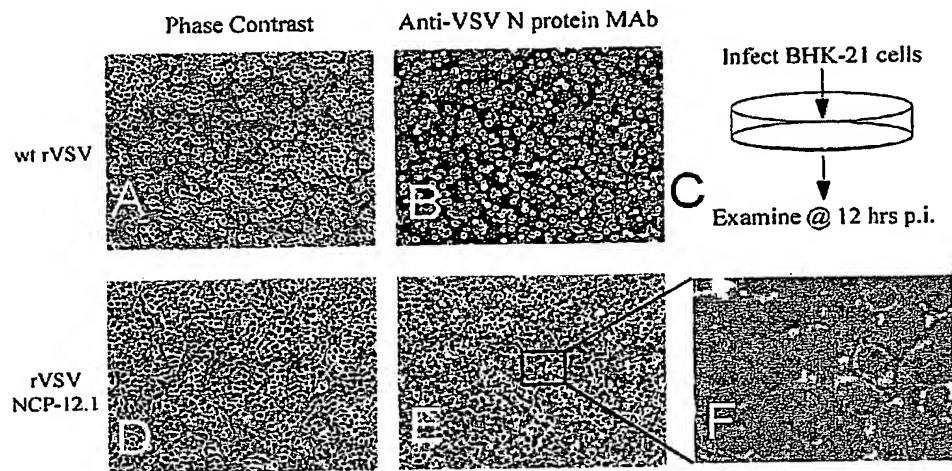


Figure 5

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# Transient Expression of M<sub>NCP-12.1</sub>

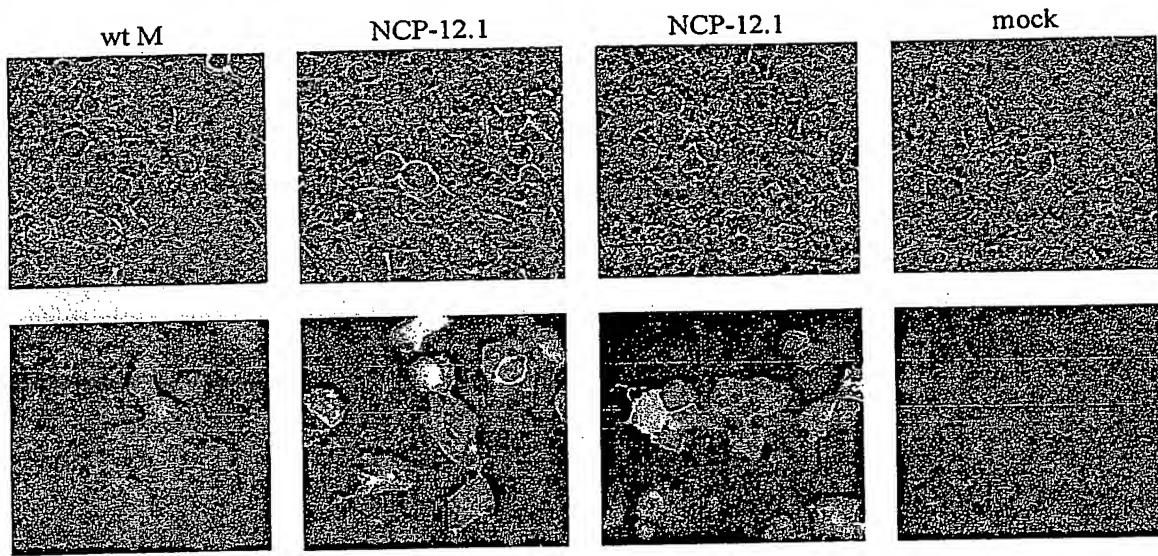


FIGURE 6

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# rVSV/M<sub>NCP-12.1</sub> Infection of Different Cell Types

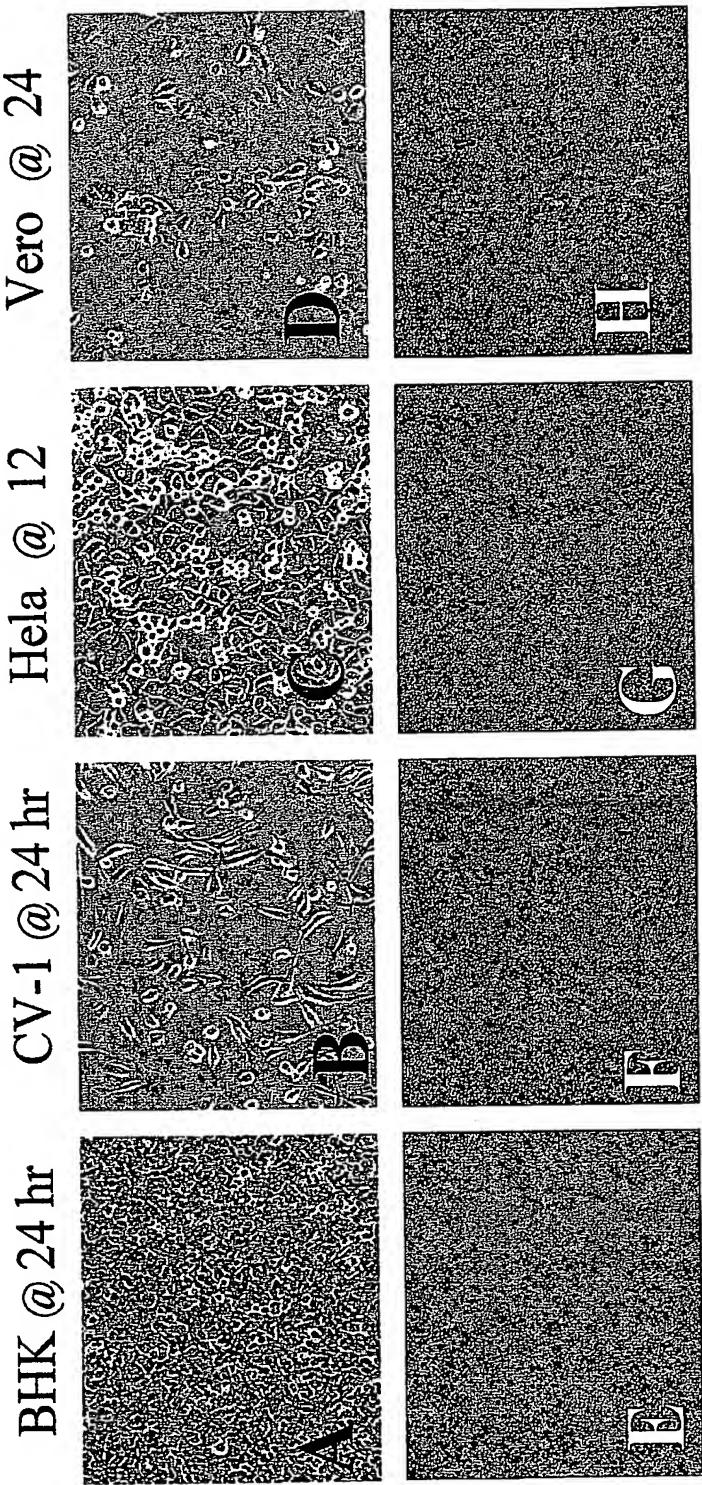


Figure 7

# Use of $M_{NCP-12.1}$ to Recover $\Delta M$ -VSV

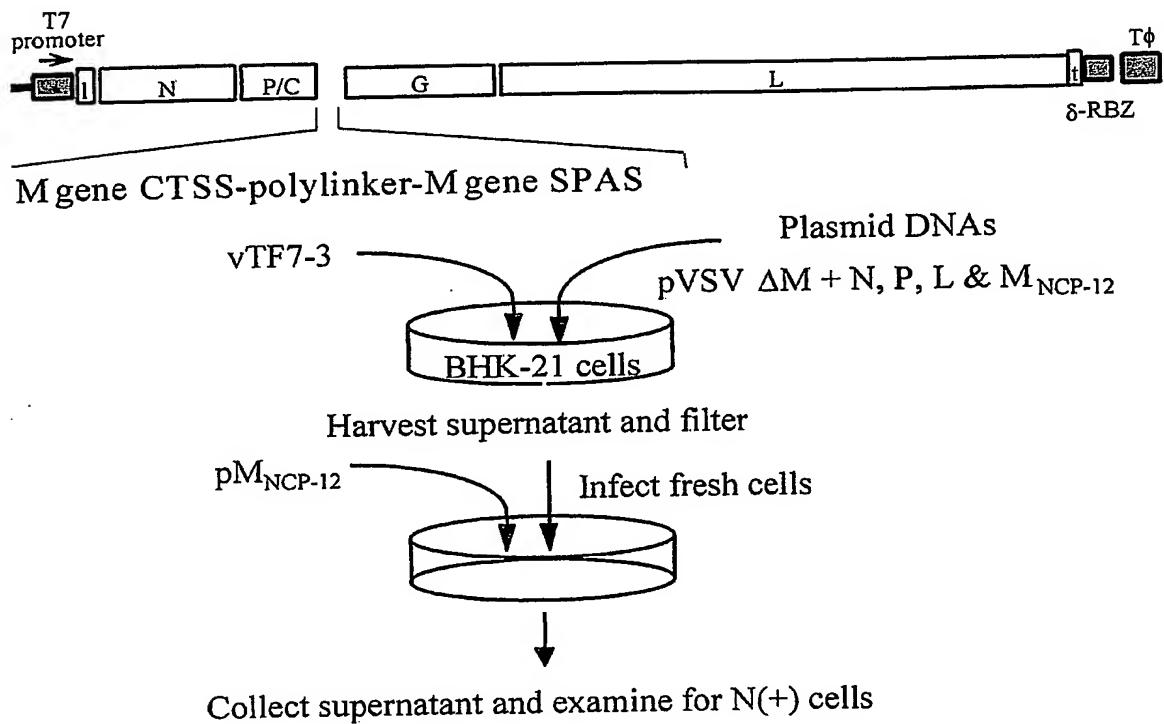


FIGURE 8

# Recovery of rVSV-ΔM

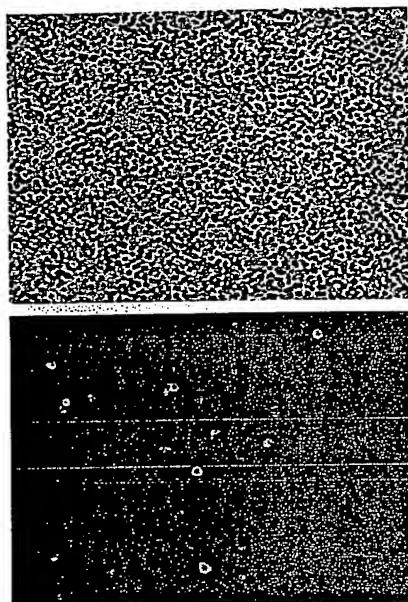
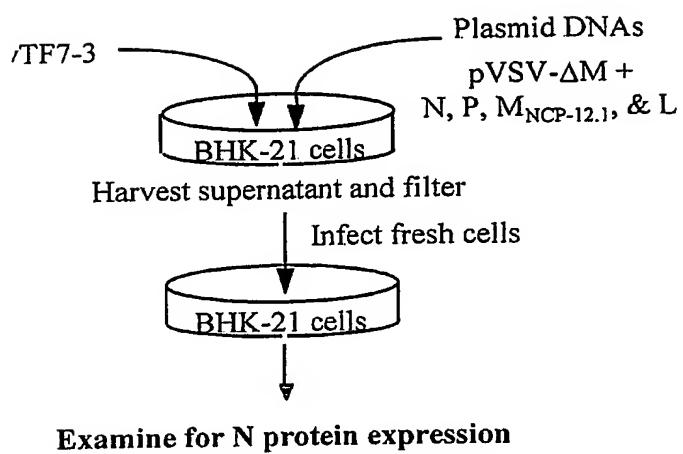


FIGURE 9

# Sample #176, 3 Days Post-infection

Infection of islet Prep#176 at day 3 post infection

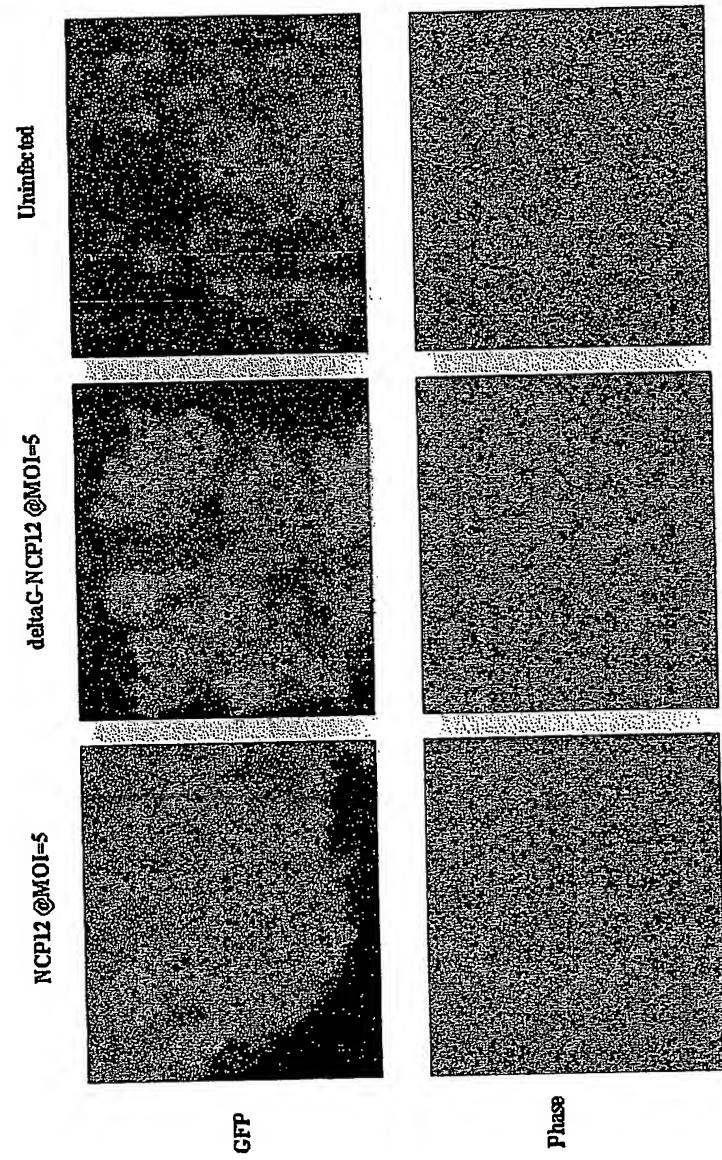


Figure 10

# Sample #163, 3 Days Post-infection

Infection of islet Prep#163 at day 3 post infection

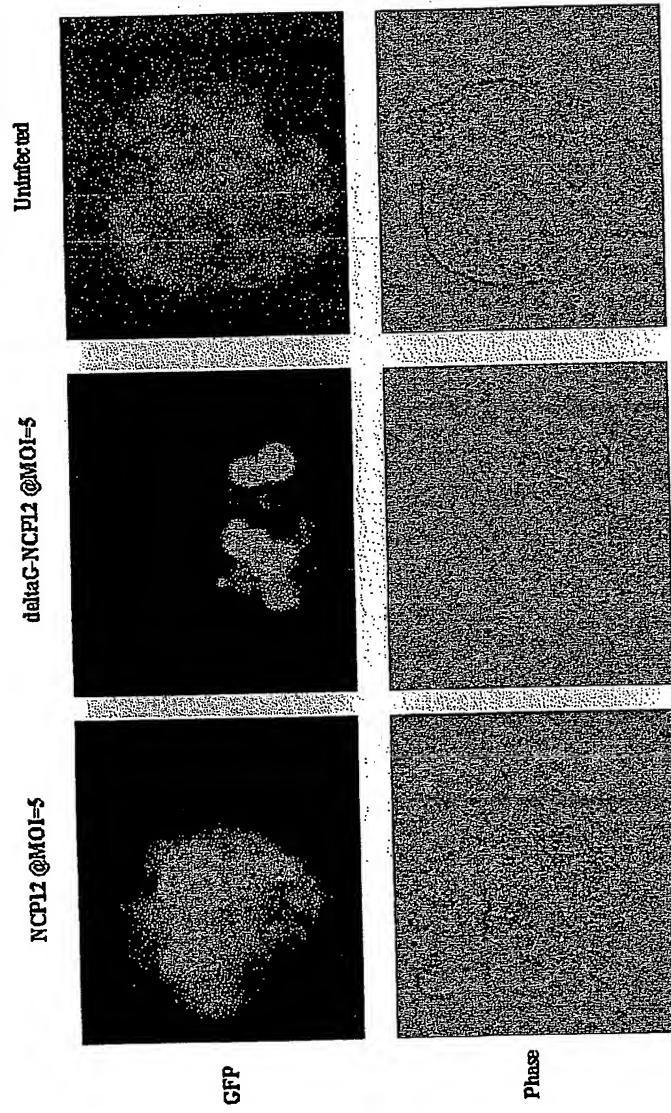


Figure 11

# Sample #176, 3 Days Post-infection

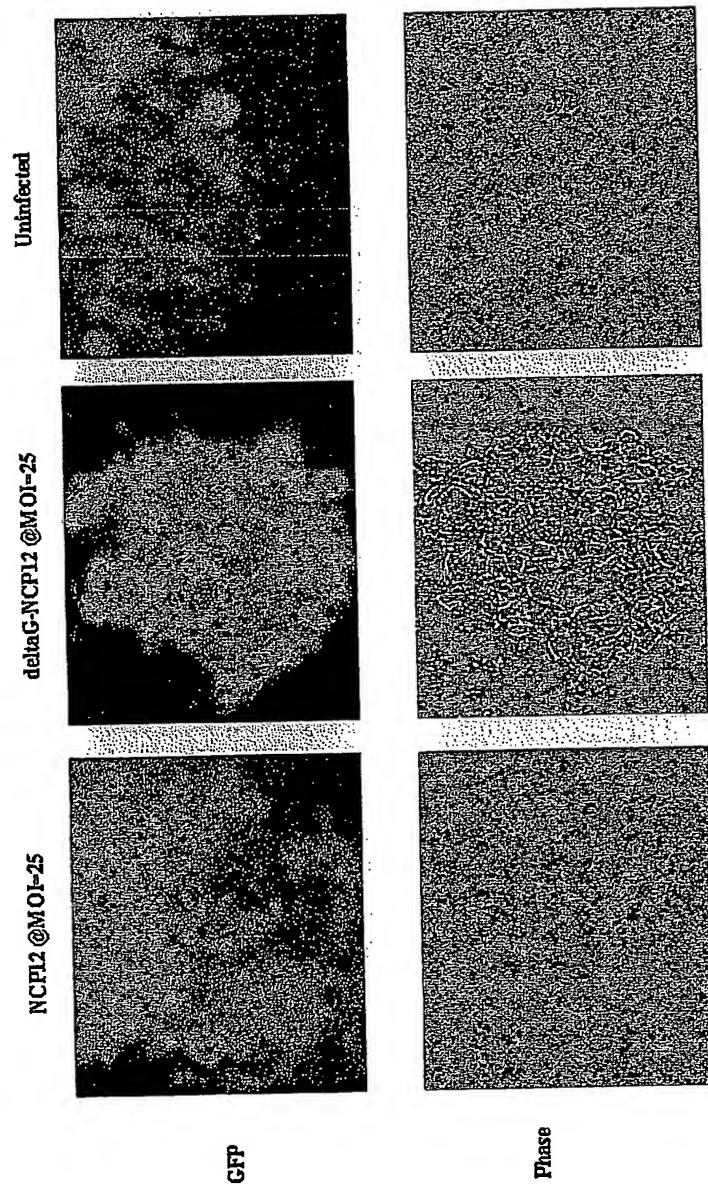


Figure 12

# Sample #163, 3 Days Post-infection

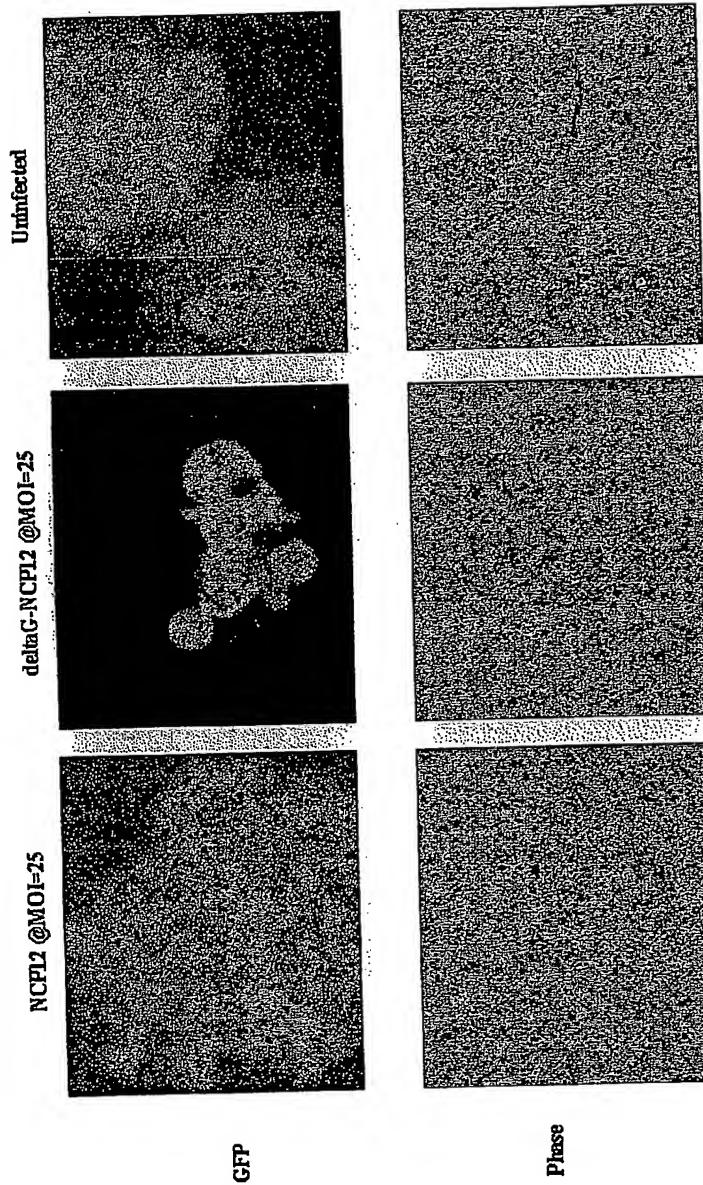


Figure 13

## Sample #176, 8 Days Post-infection

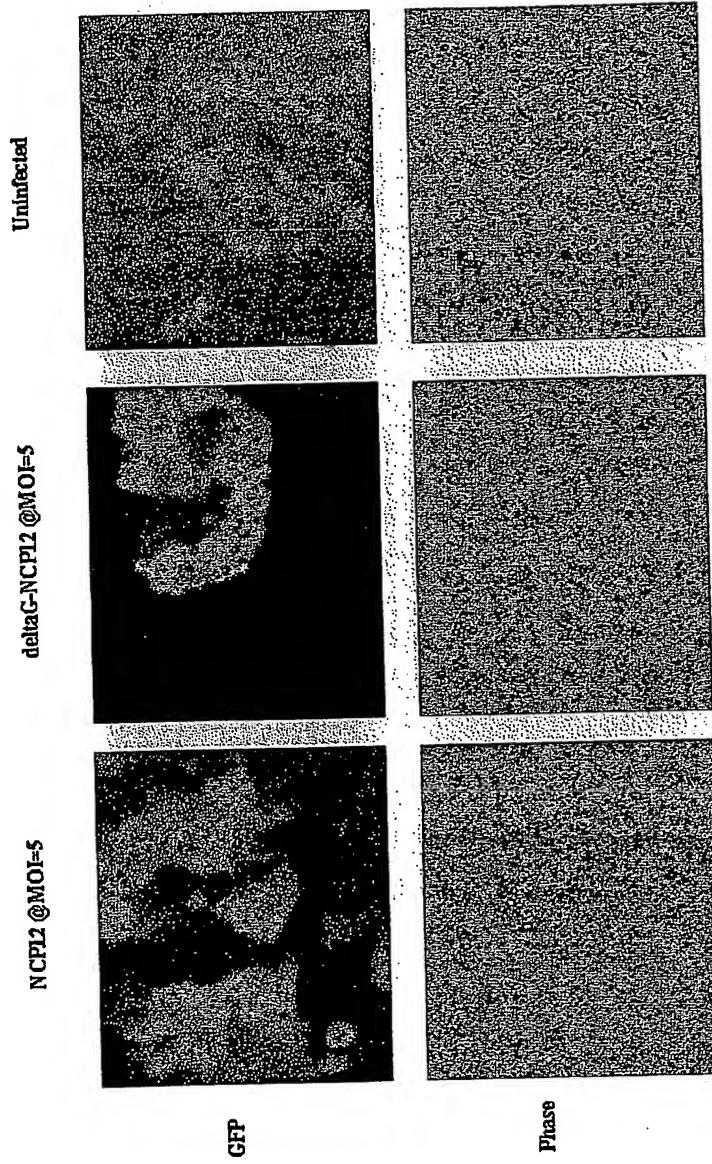


Figure 14

# Sample #176, 8 Days Post-infection

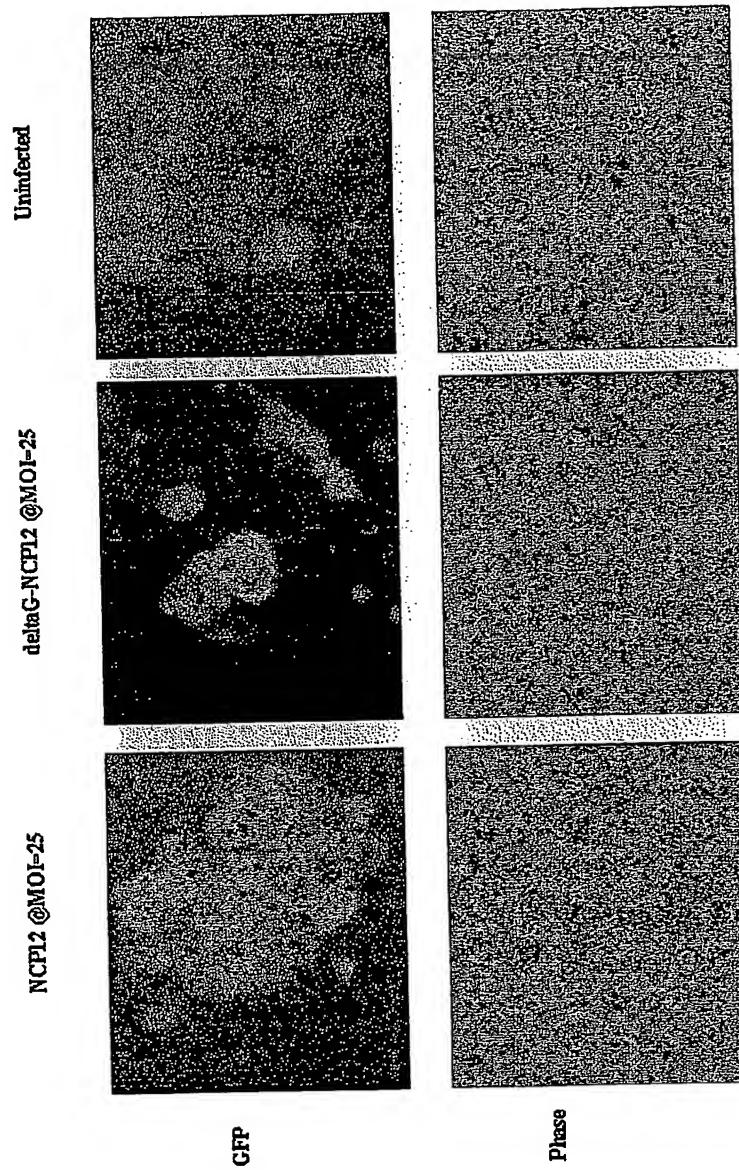


Figure 15

# Sample #163, 8 Days Post-infection

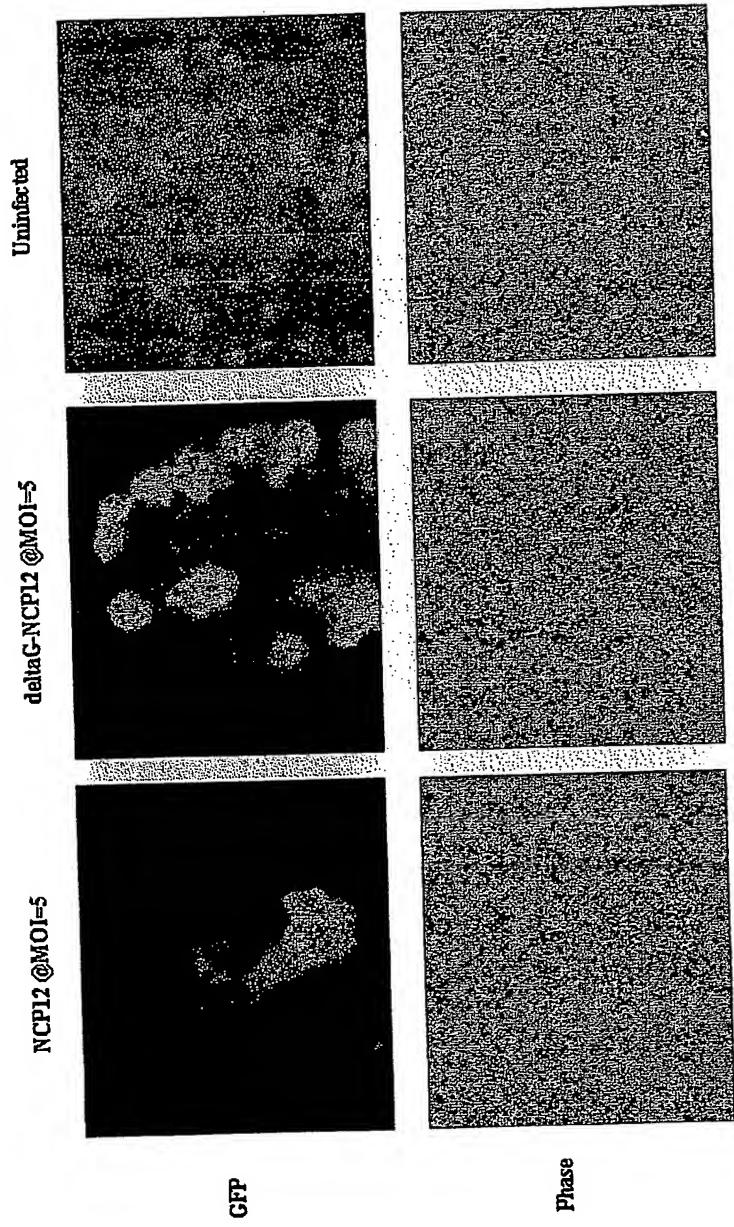


Figure 16

# Sample #163, 8 Days Post-infection

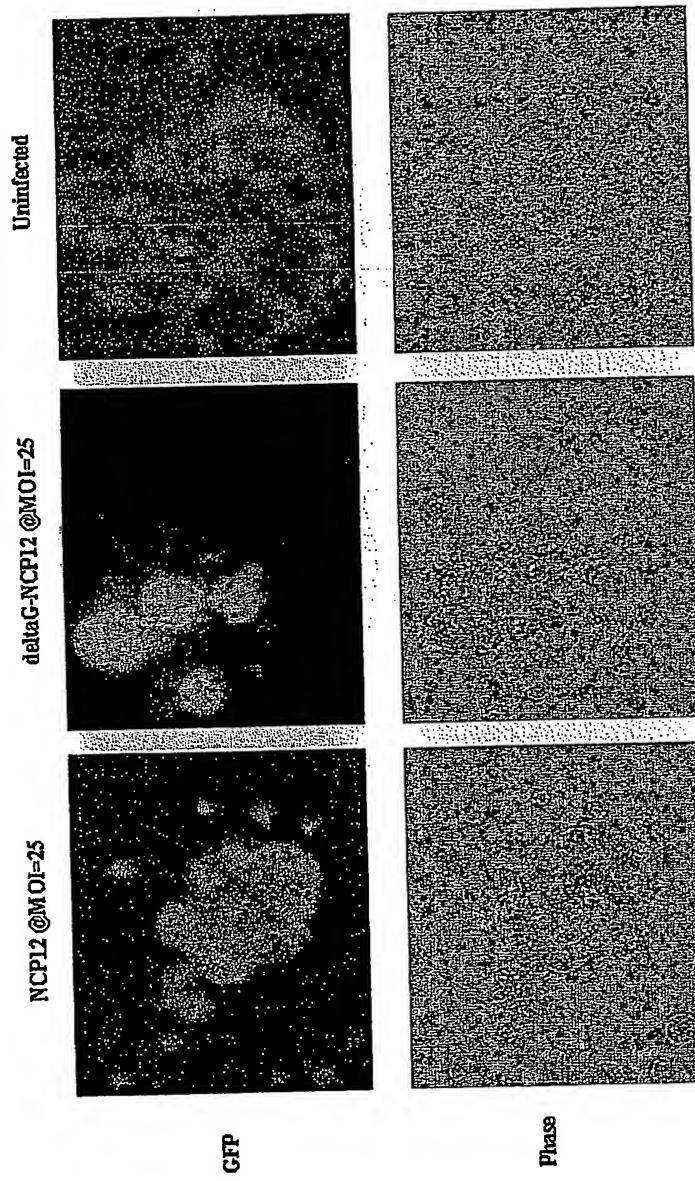


Figure 17

# Sample #176, 3 Days Post-infection

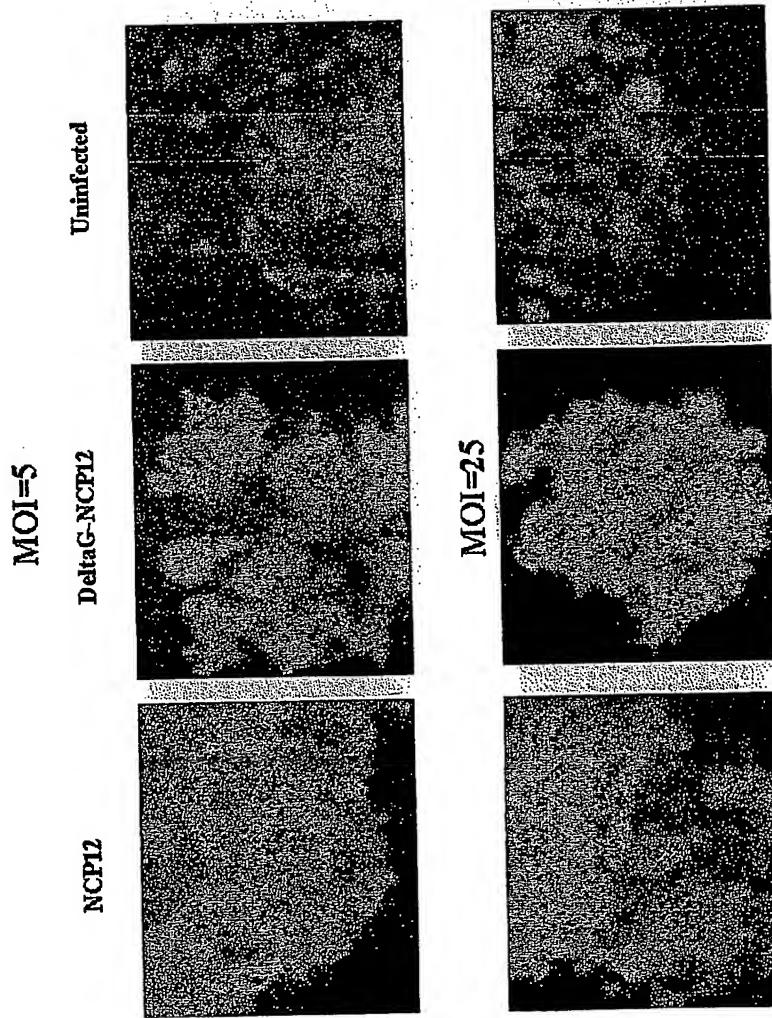
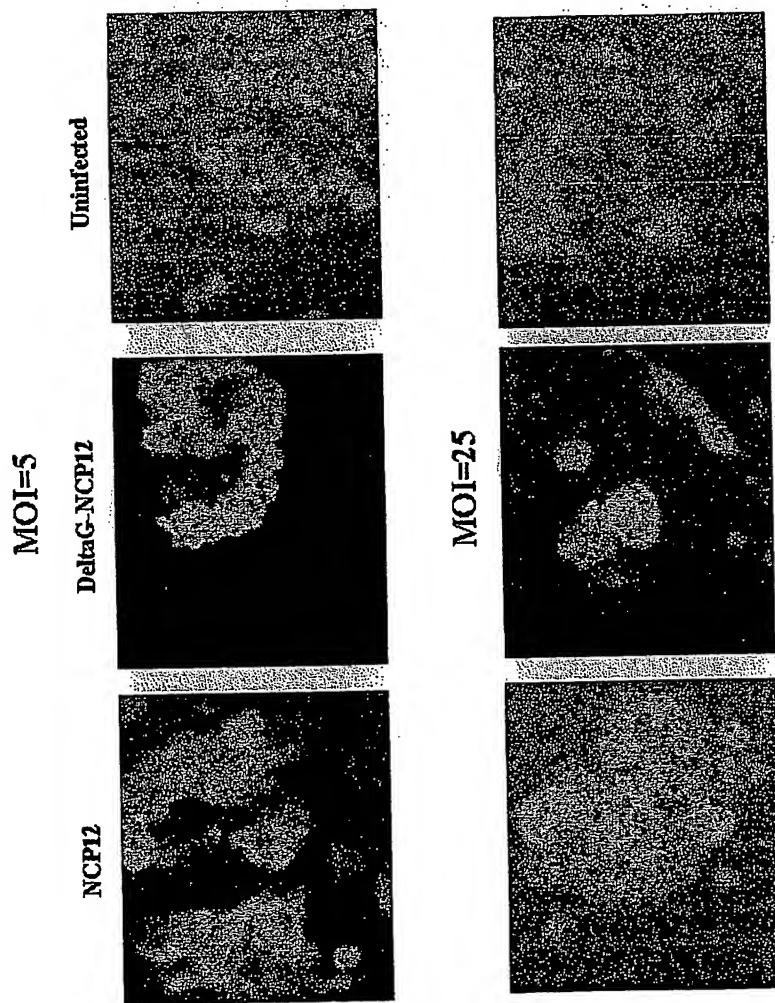
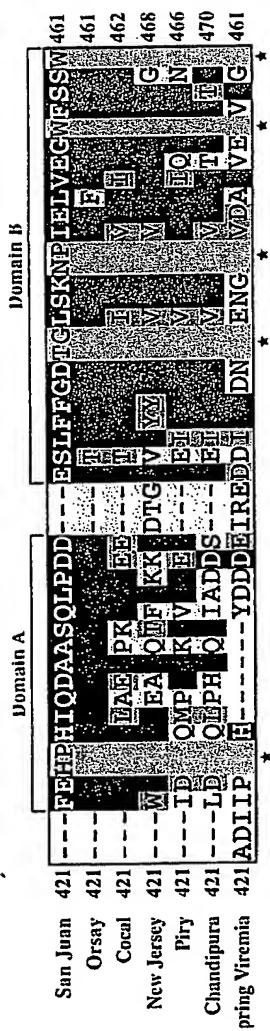


Figure 18

**Sample #176, 8 Days Post-infection**



**Figure 19**



## Figure 10

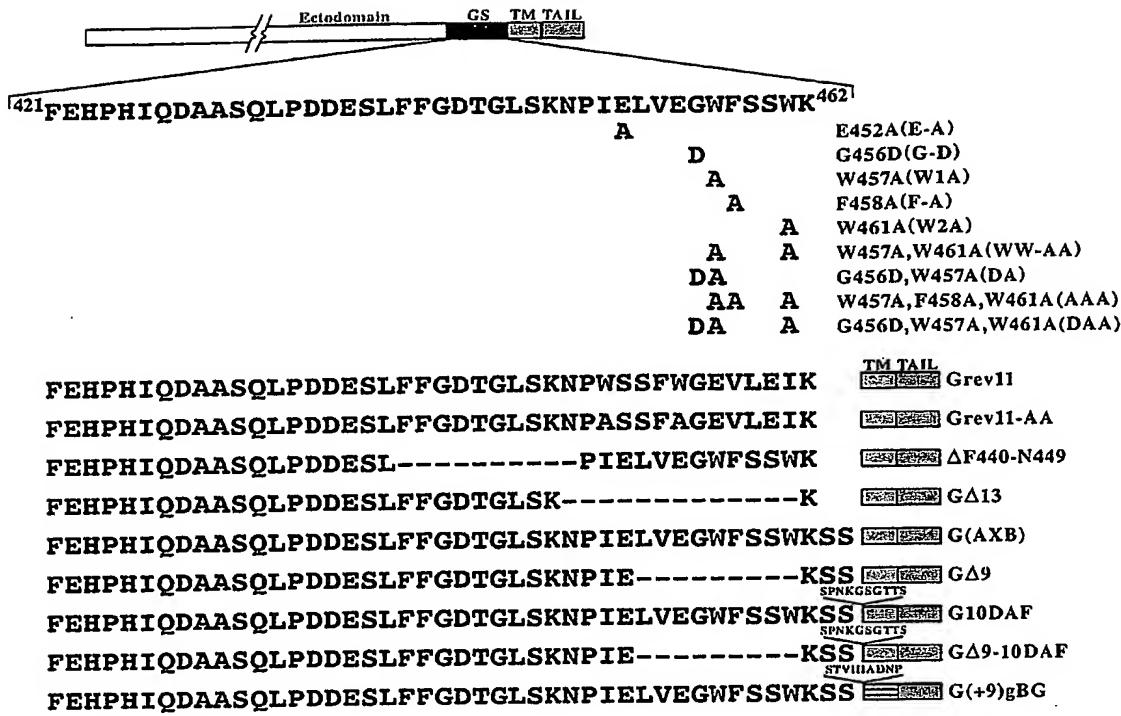
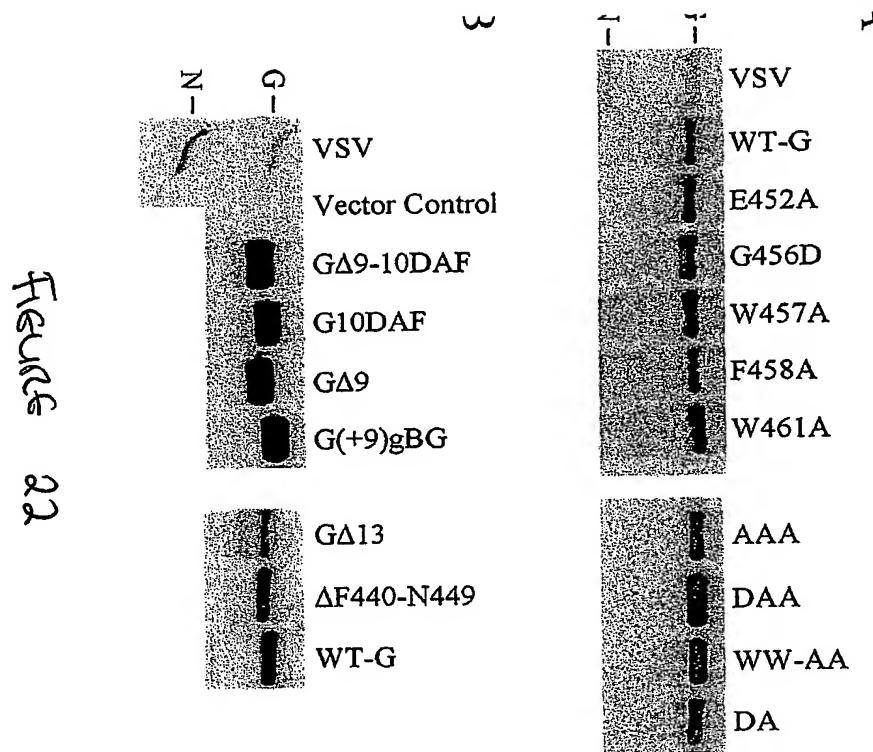


FIGURE 21



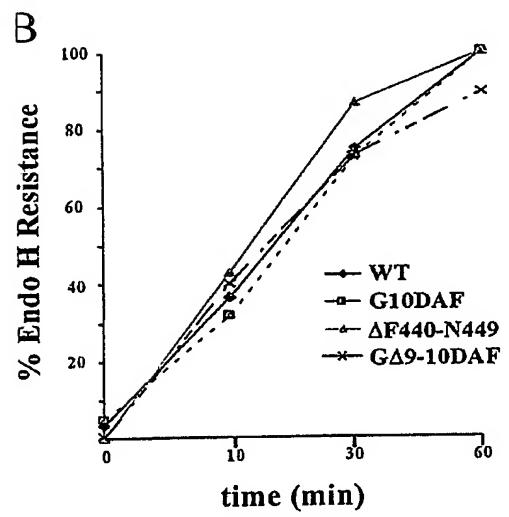
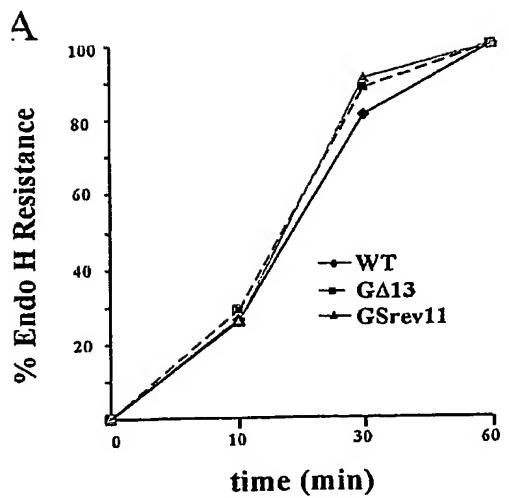


FIGURE 23

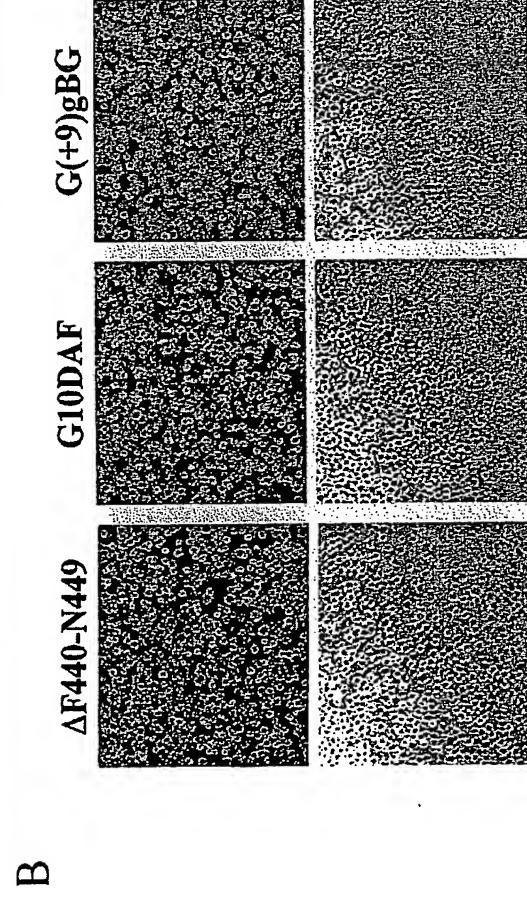
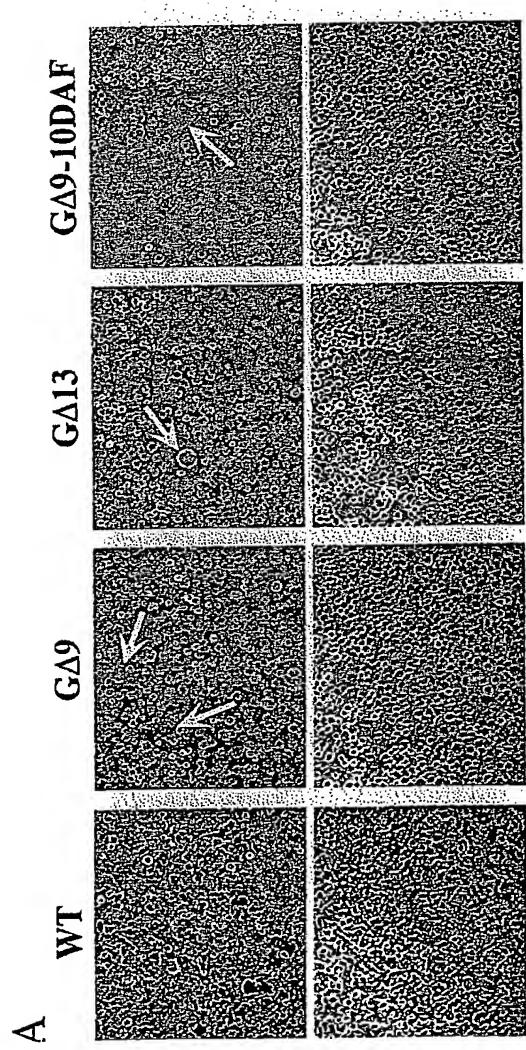


Figure 24

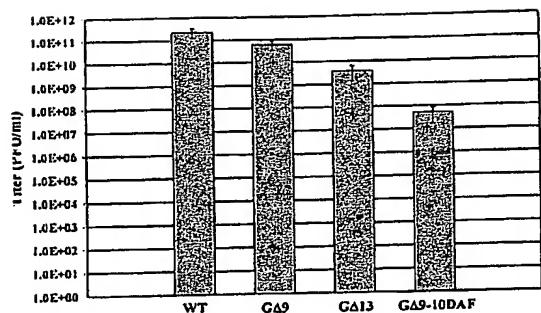
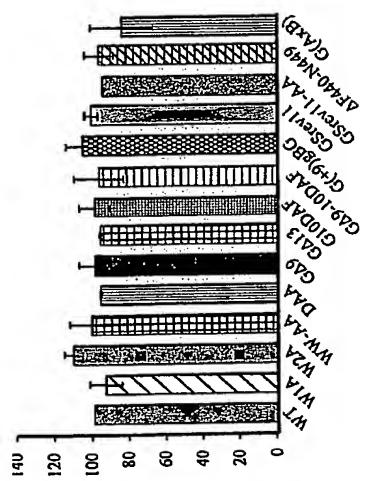


FIGURE 25

## Figure 26



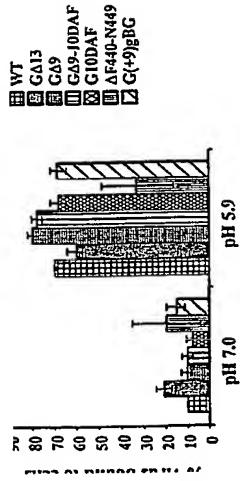


FIGURE 24

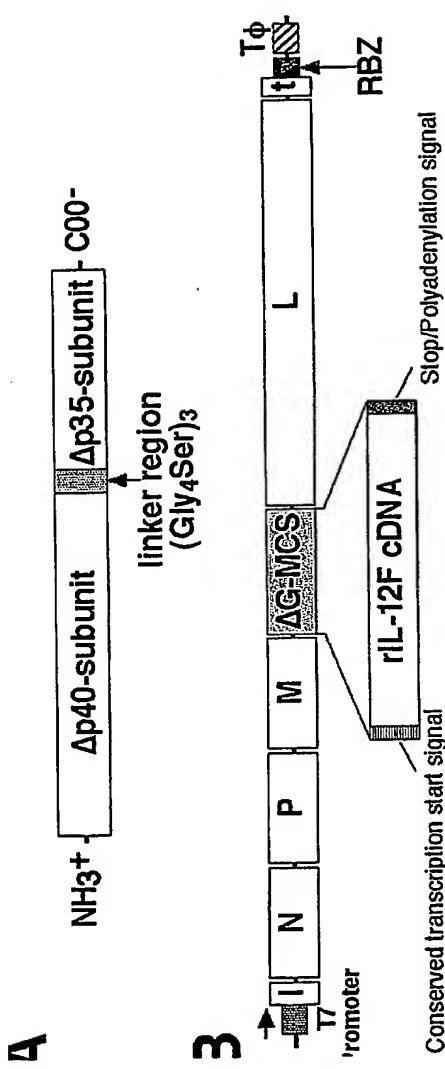


FIGURE 28

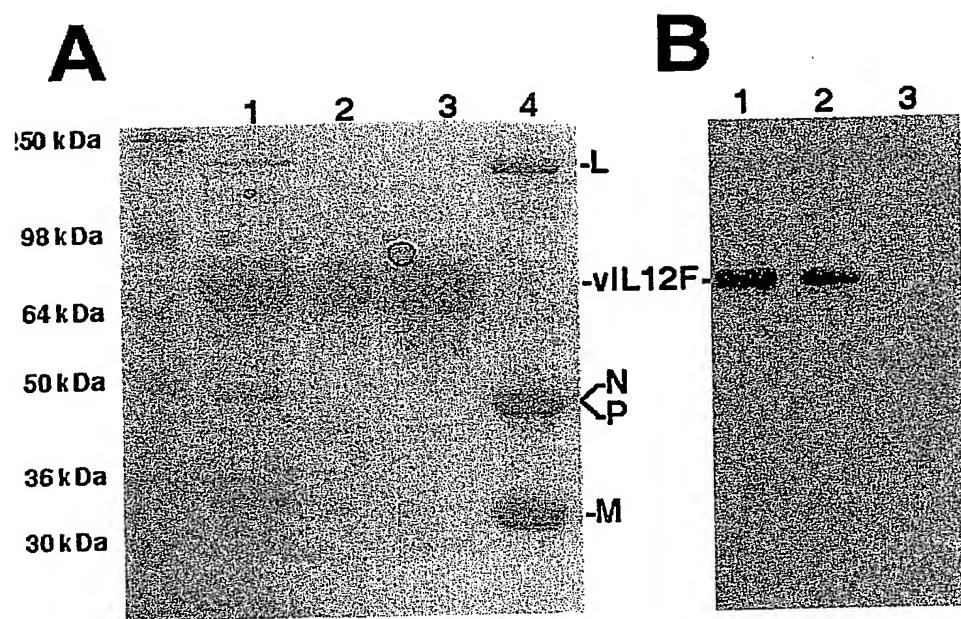


FIGURE 29

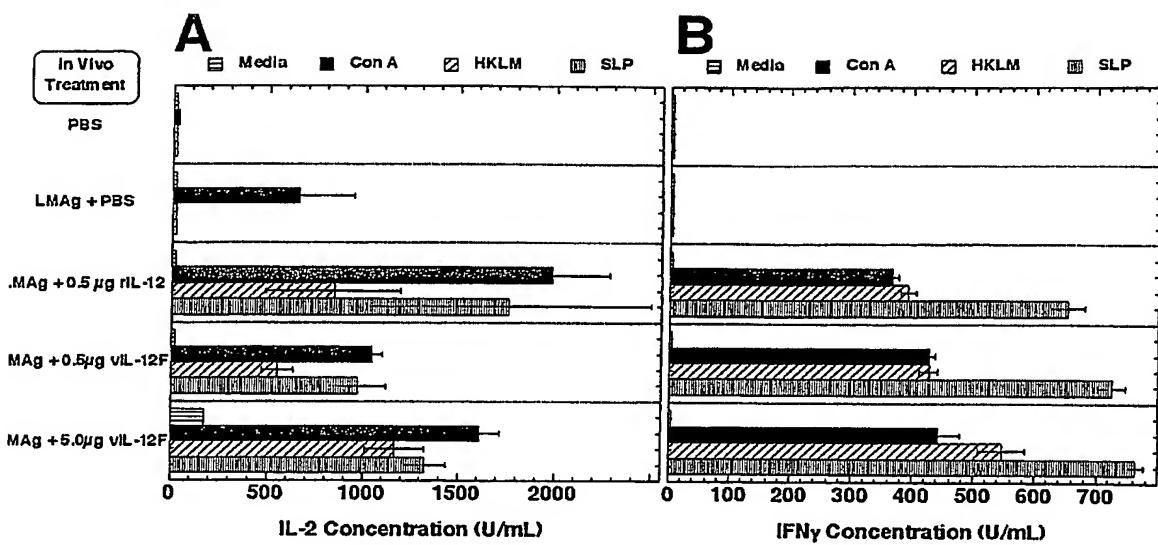


FIGURE 30

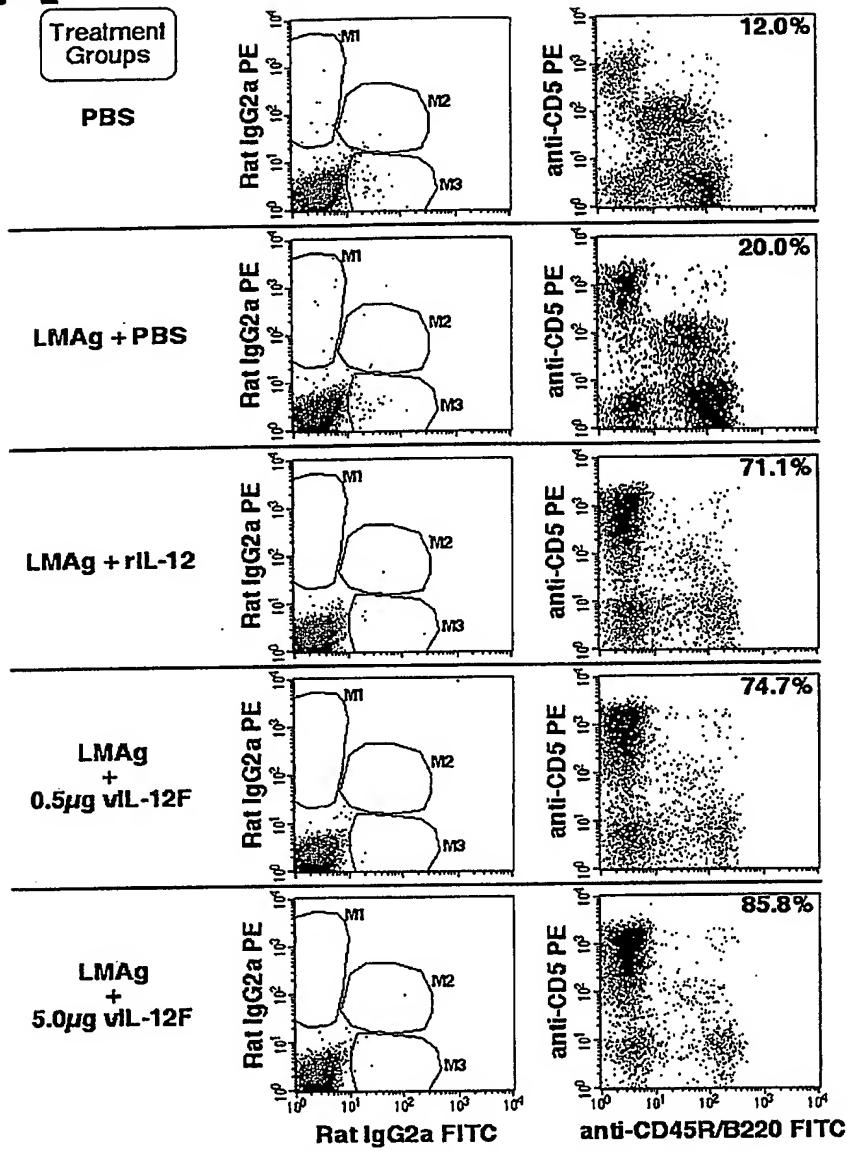
**A**

FIGURE 3a

3

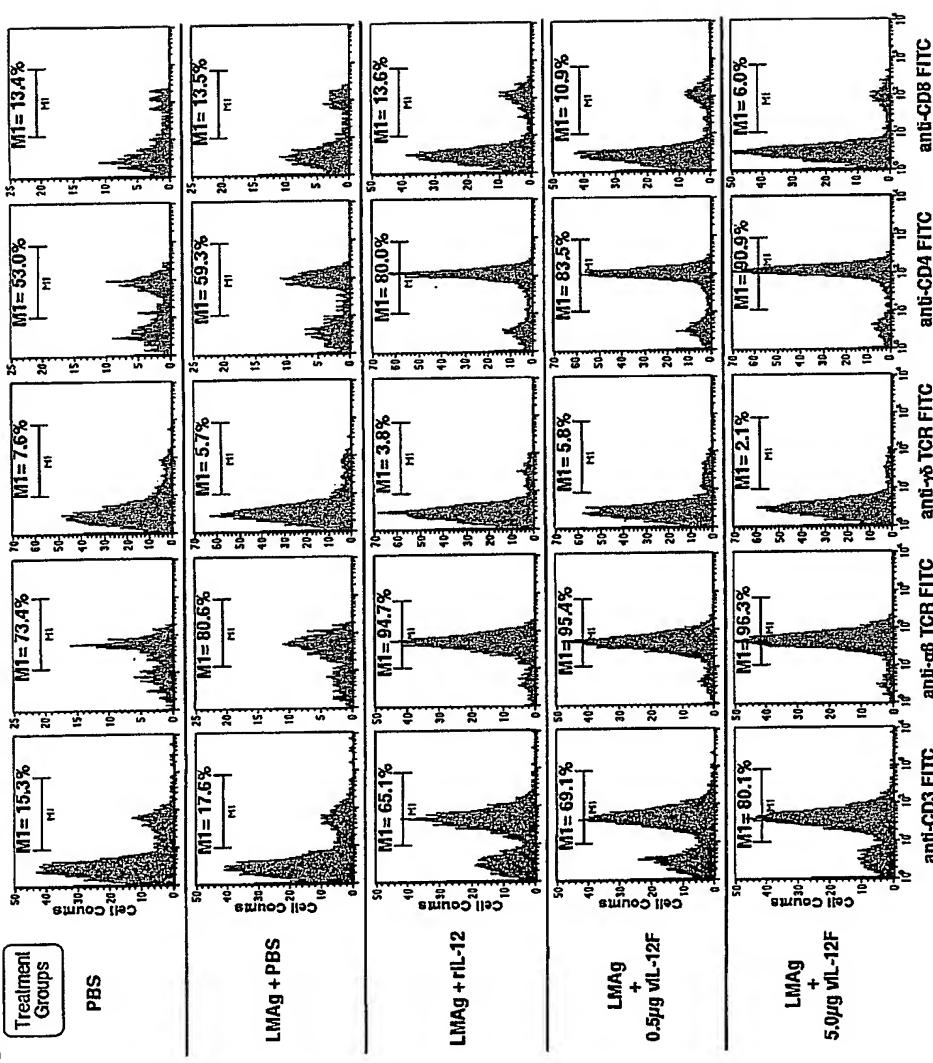


FIGURE 3 b

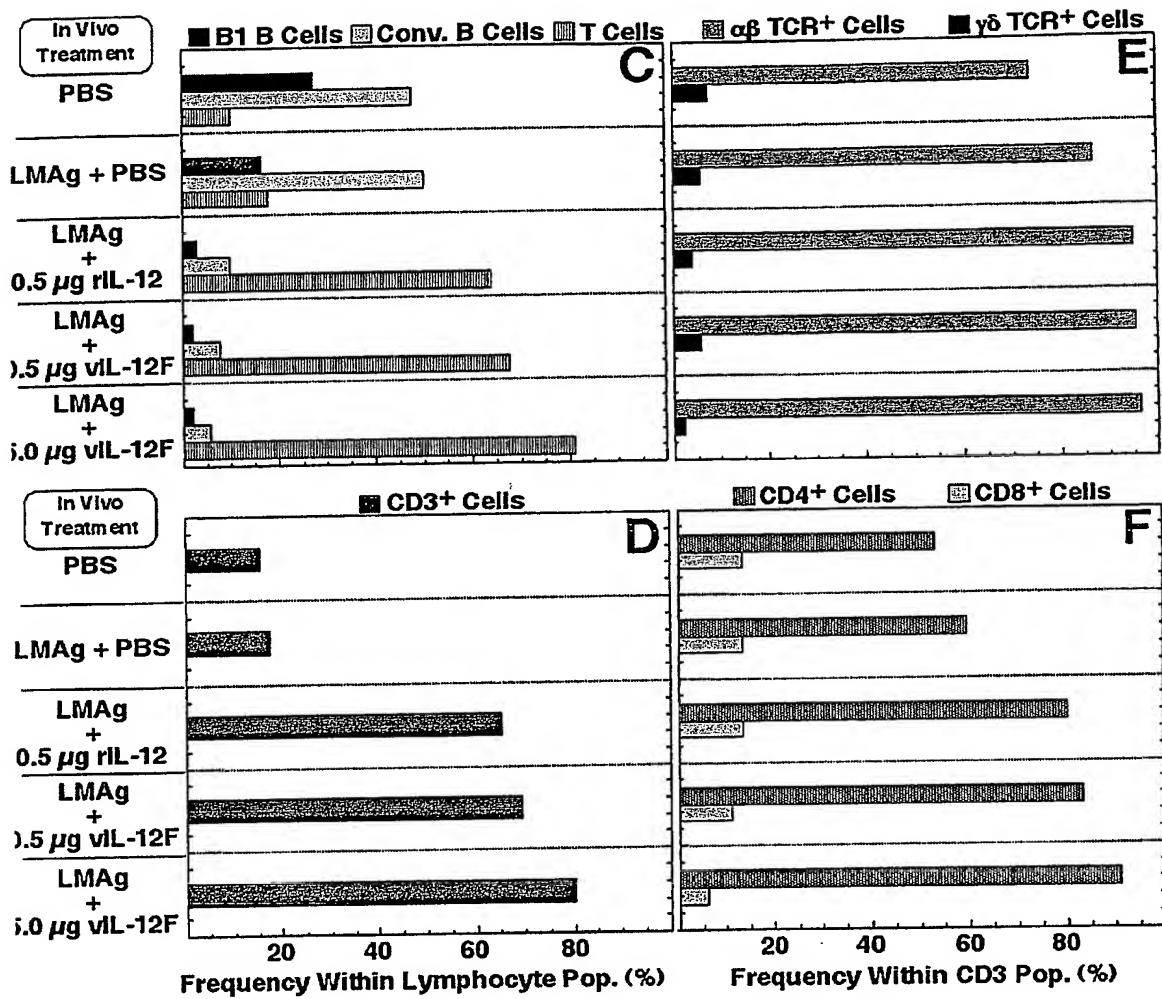


FIGURE 31 C

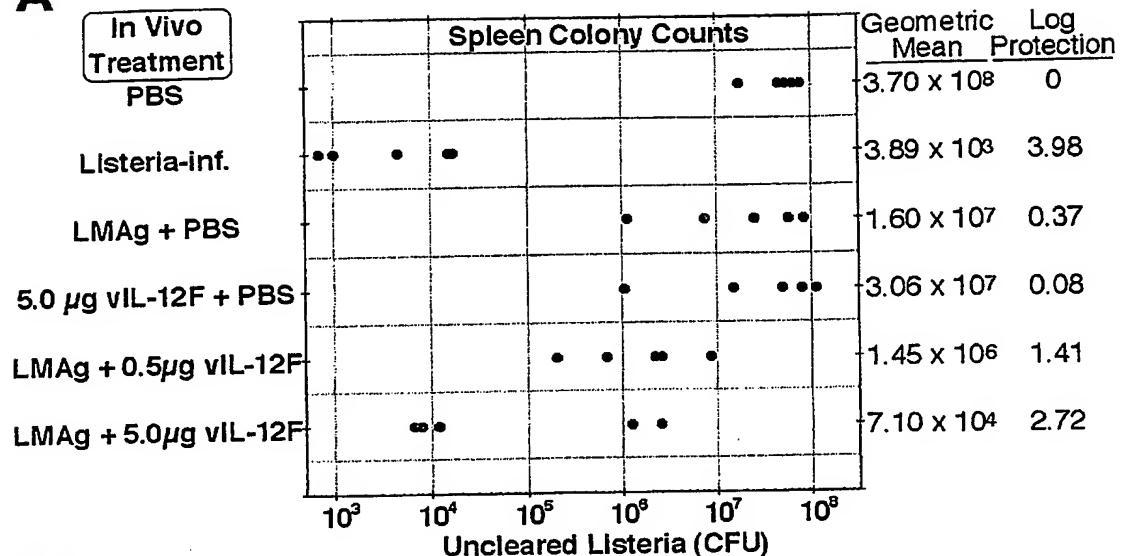
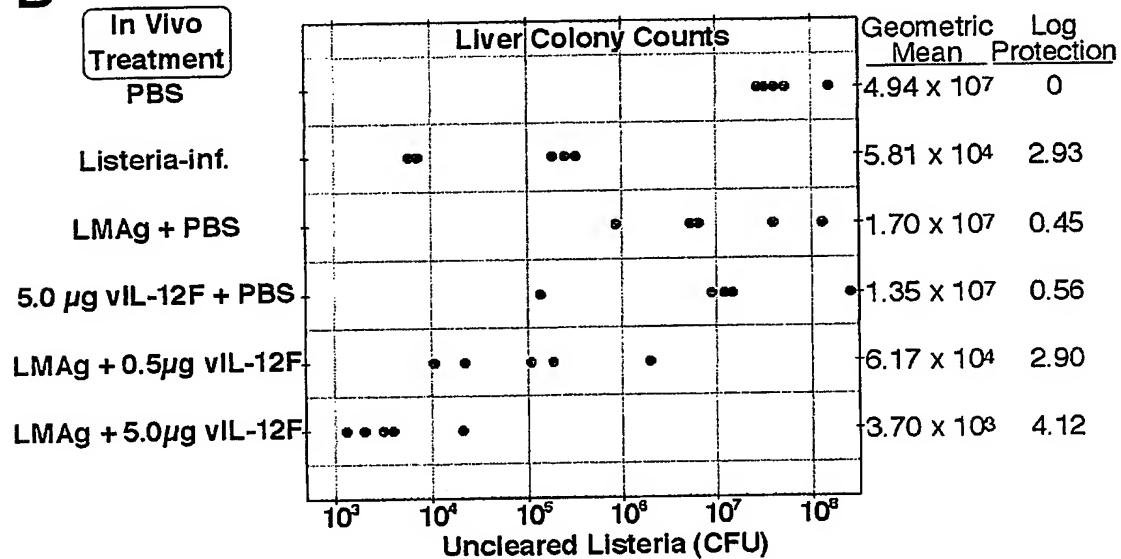
**A****B**

FIGURE 32

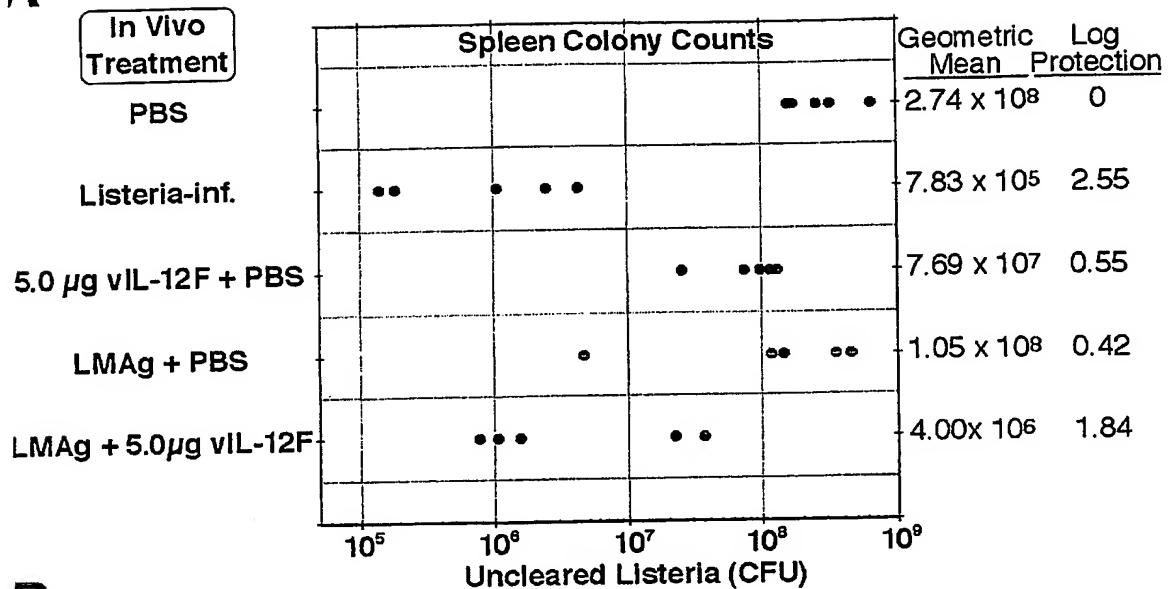
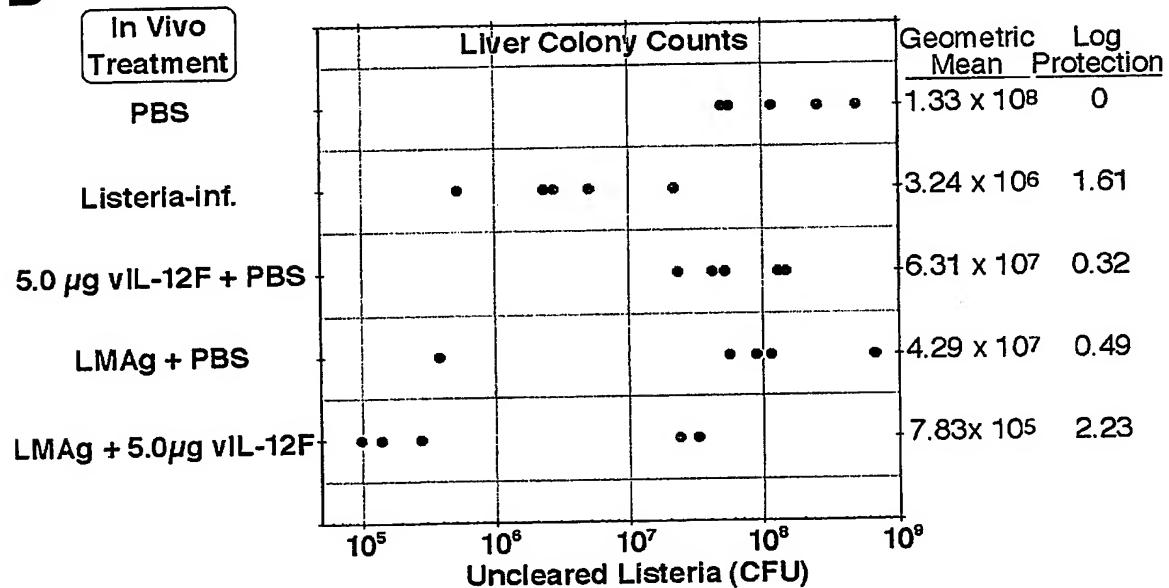
**A****B**

FIGURE 33

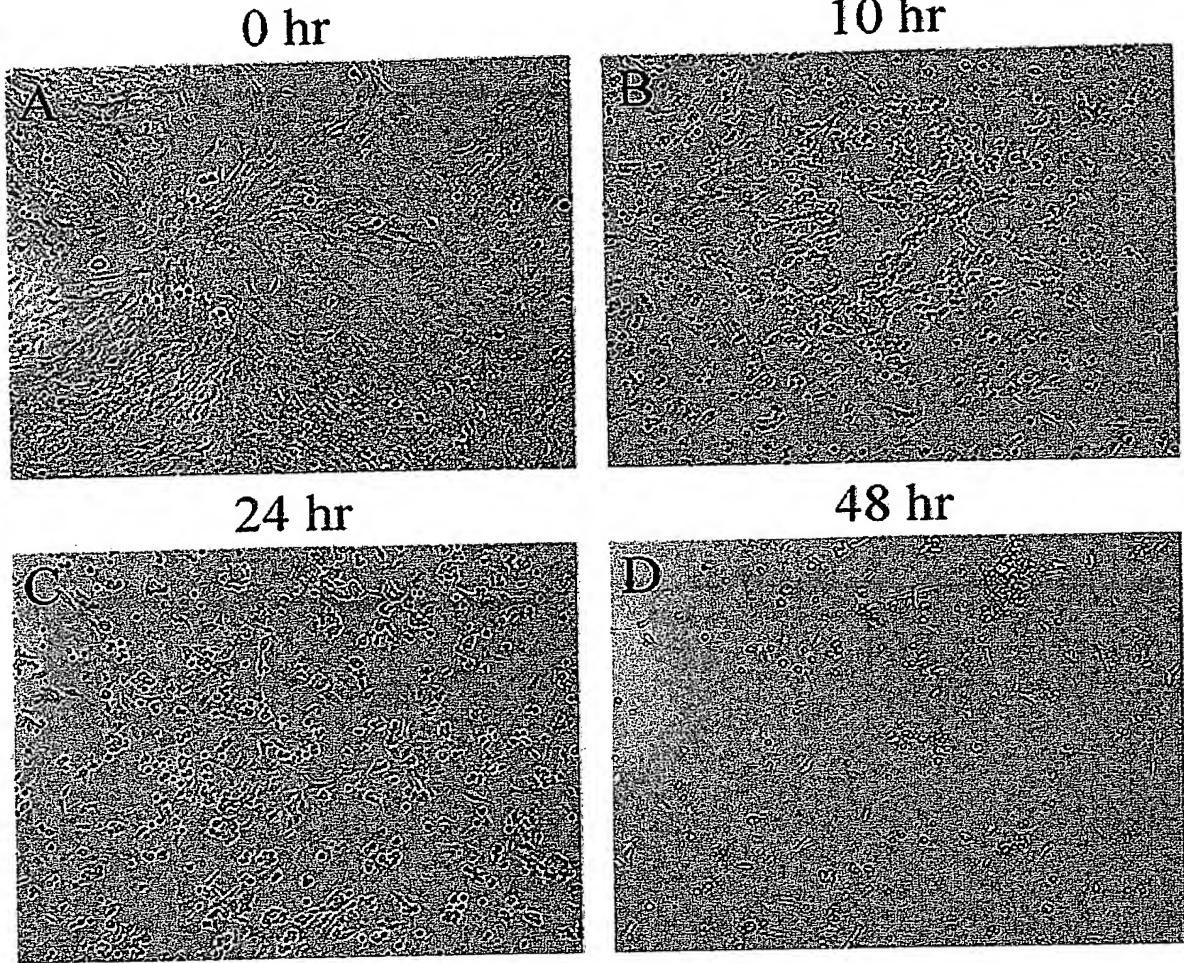


Figure 34

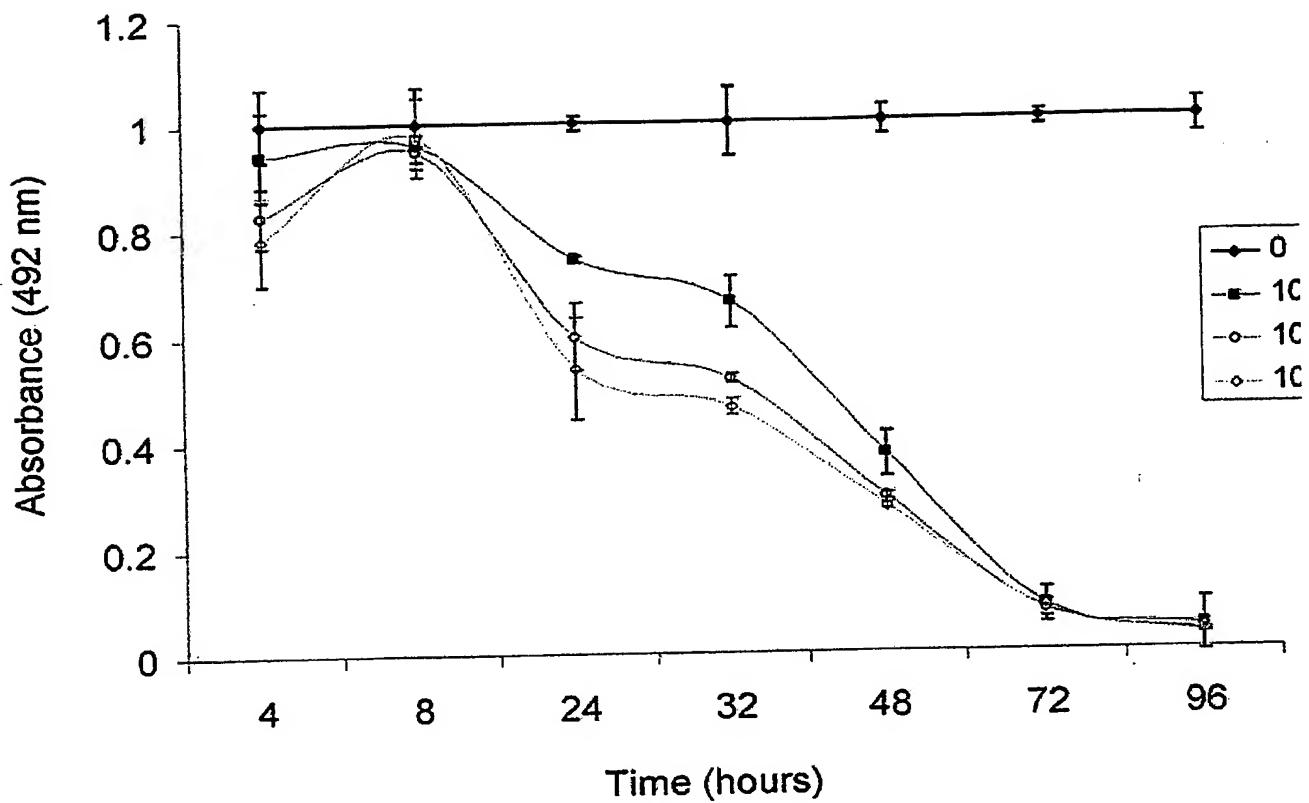
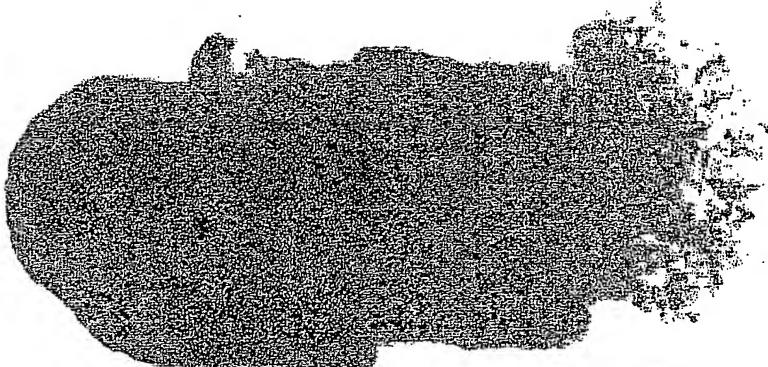


Figure 35

A



Substantia Nigra  
(SN)

Striatum

Cortex  
(Cx)

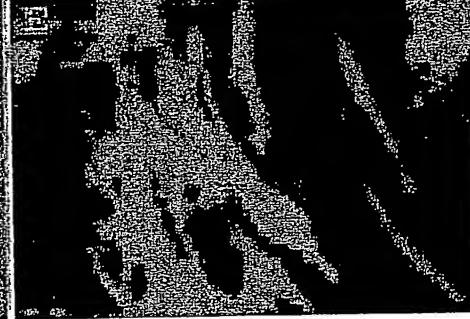
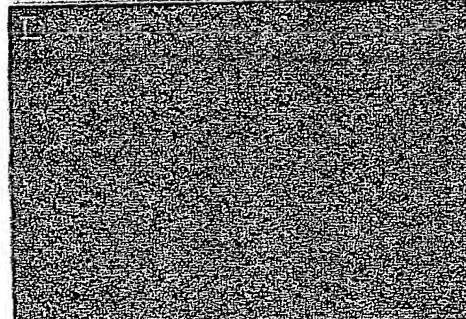
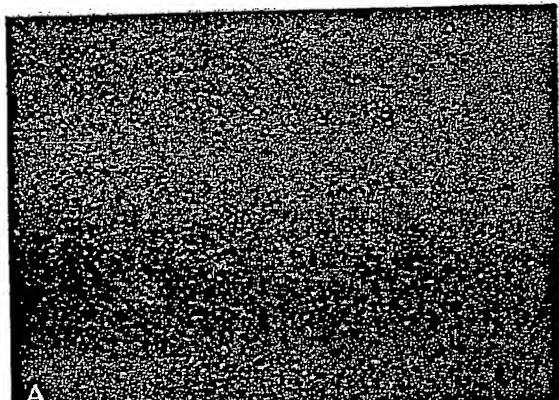


Figure 36

Slice Culture Only		Slice-glioma Coculture	
rVSV-DsRed (no IFN $\beta$ ) [A]		rVSV-DsRed + IFN $\beta$ [B]	
C6-GFP [C]		DsRed [D]	
Day 0			
Day 1			
Day 2			
Day 3			

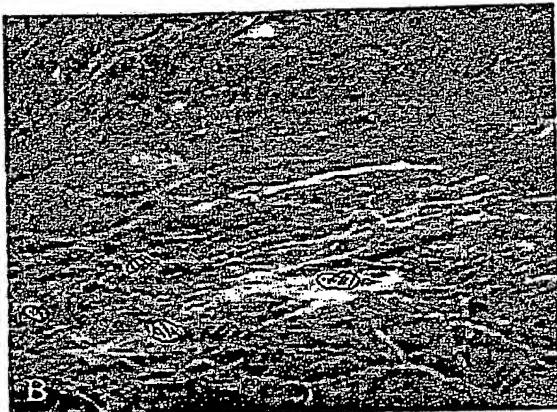
Figure 37

VSV-wt w/ no IFN

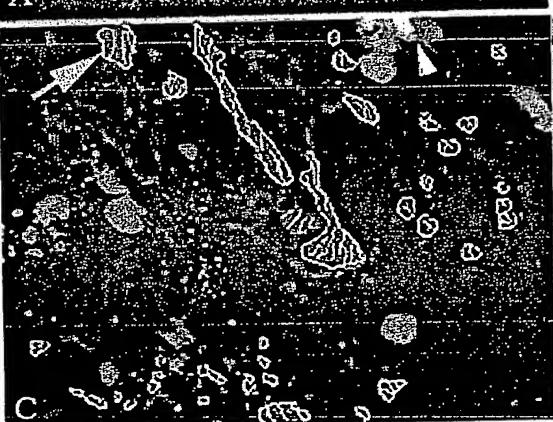


A

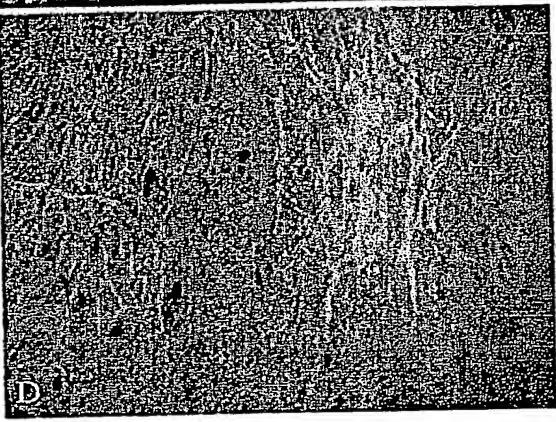
VSV-wt w/ 1,000u IFN



B



VSV-wt w/ 1,000u IFN on C6 co-cx



normal slice w/ IFN only

Figure 38

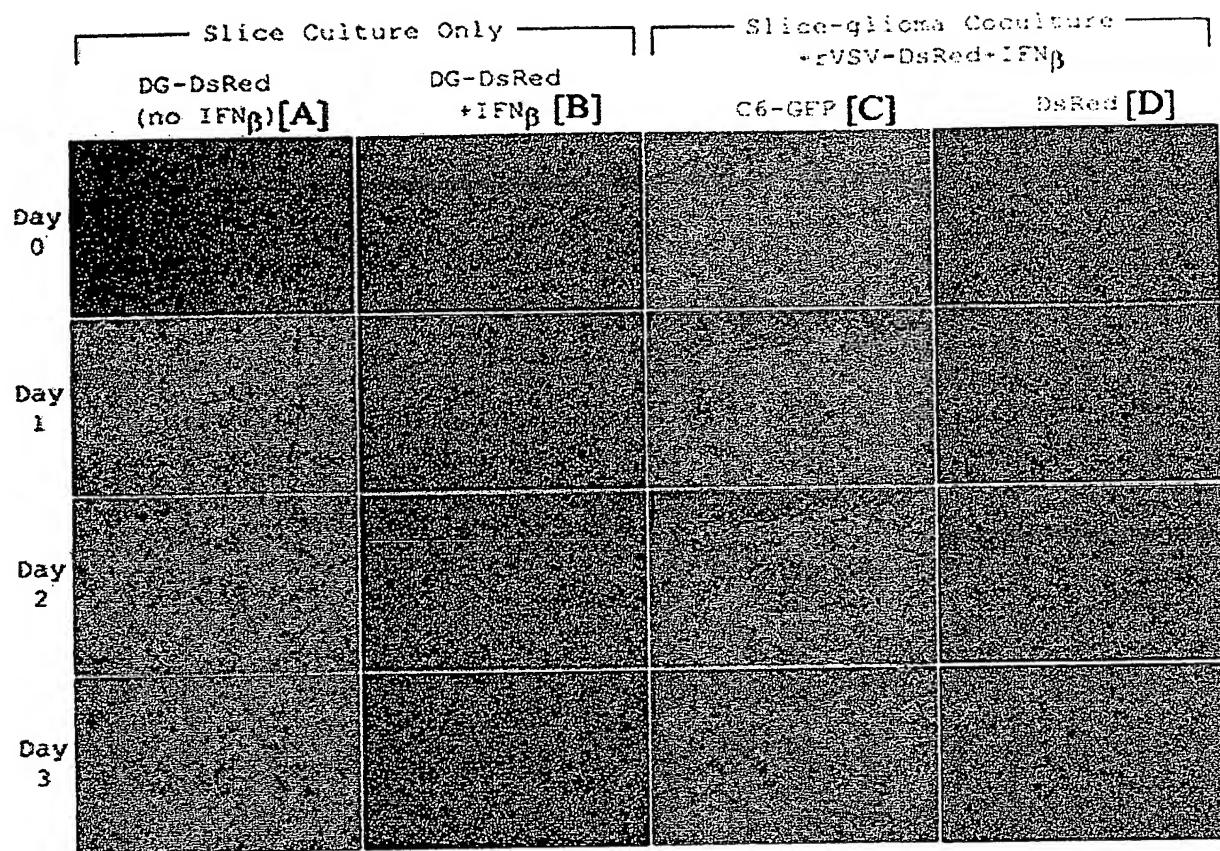


Figure 39

MAP2 Immunohistochemistry

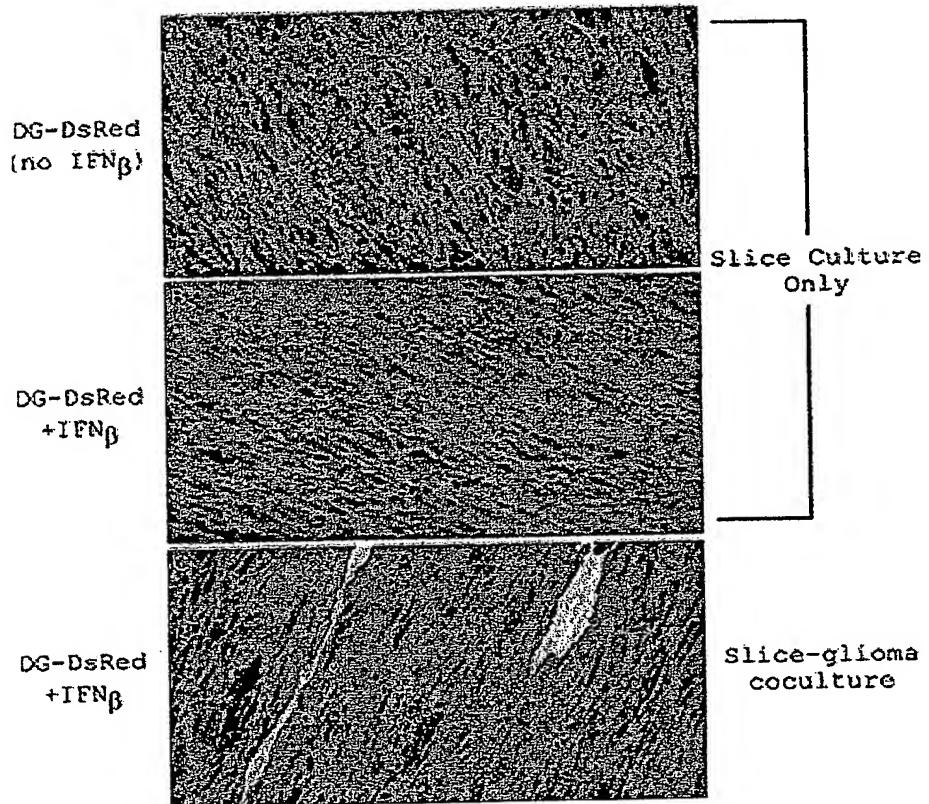


Figure 40

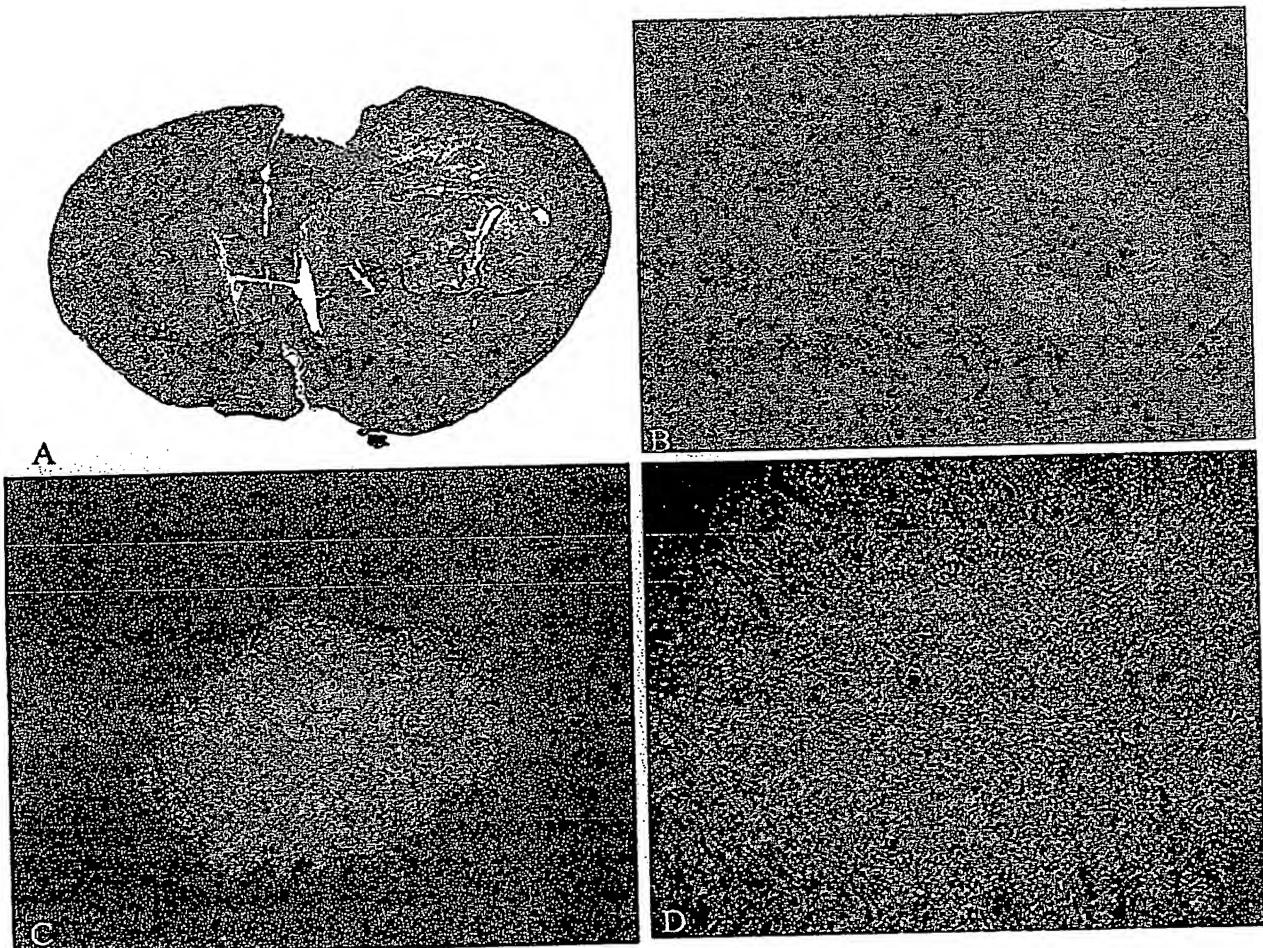


Figure 41

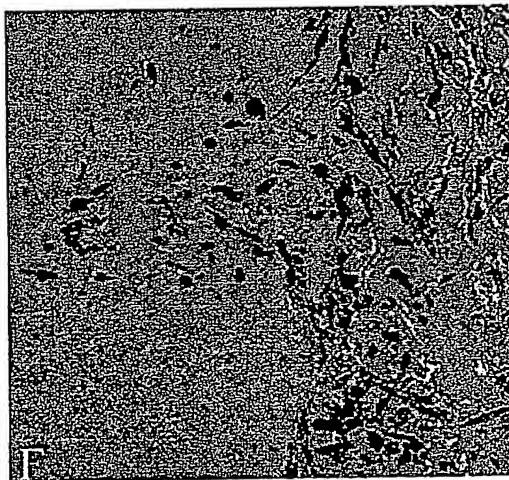
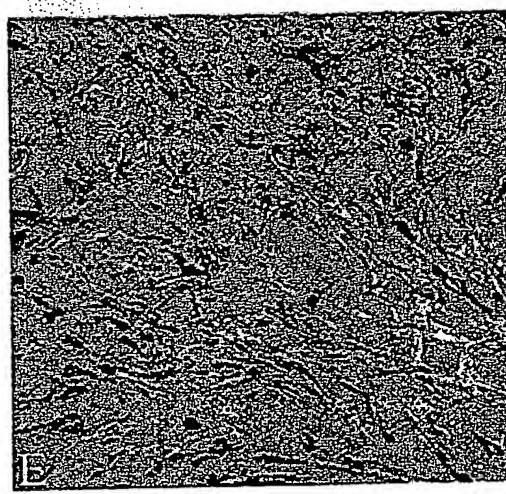
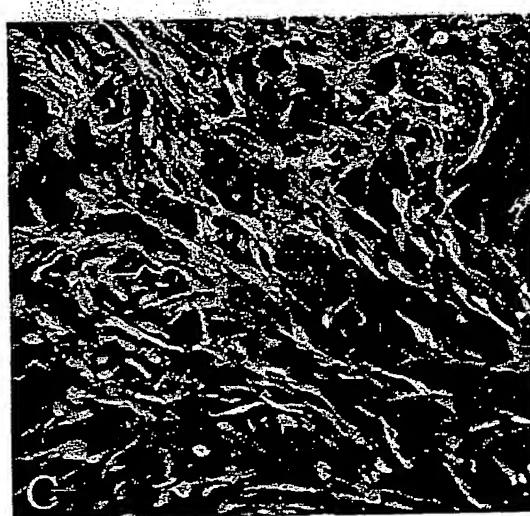
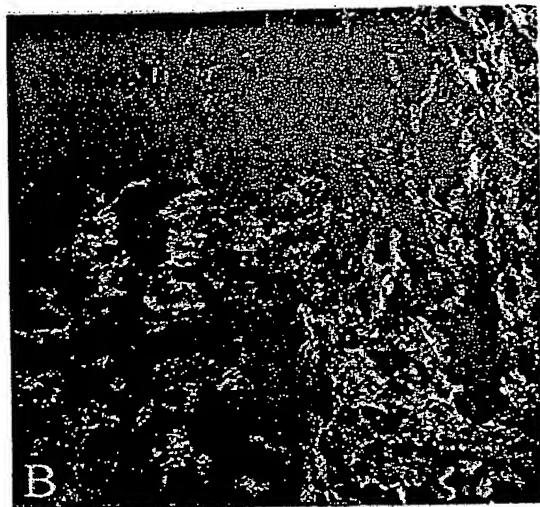
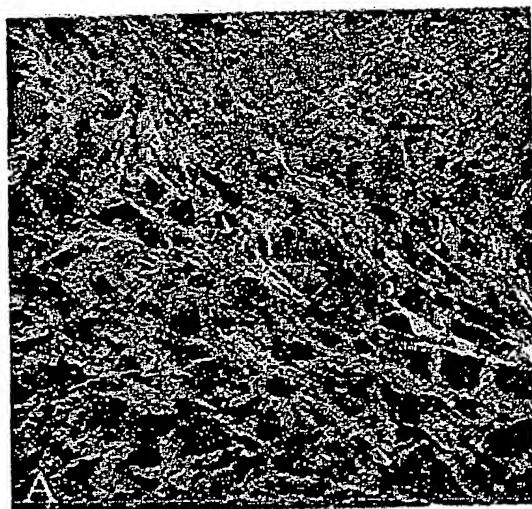


Figure 42

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